



Teacher Student Growth Percentile Median

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Acronyms

- ▶ IC Infinite Campus
- ▶ CIITS Continuous Instructional Improvement Technology System
- ▶ EDS Educator Development Suite (module in CIITS)
- ▶ SGP Student Growth Percentile
- ▶ SGPM Student Growth Percentile Median

Session Agenda

- ▶ Overview of SGP
- ▶ Overview of Teacher SGPM
- ▶ SGPM Calculation: Data, Criteria, Examples
- ▶ Custom Reports in IC
- ▶ Assigning Tool Rights to Custom Reports
- ▶ SGPM FAQs
- ▶ SGPM data in CIITS
- ▶ Q&A

Overview of Student Growth Percentile (SGP) Calculation

Student Growth Percentile Model

- ▶ Student Growth Percentile (SGP) Model measures change in an individual student's performance over time.
- ▶ How much did John improve in mathematics from grade 4 to grade 5 can be answered by showing:
 - How well John improved from grade 4 to 5 **compared** to his academic peers.

SGP Key Points

- ▶ Each student's rate of change is compared to other students with a similar test score history ("academic peers").
- ▶ The rate of change is expressed as a percentile.
 - How much did John improve in mathematics from grade 4 to grade 5, relative to his academic peers?
 - If John improved more than 65 percent of his academic peers, then his student growth percentile would be 65.

SGP Key Points

- ▶ Focuses on the relative standing of a student from year to year compared to the student's academic peers.
 - The academic peers are students who perform very similarly to the student on the test. The student is only compared to students who start at the same place.
 - In year two, the question is: Did the student outpace his peer group?

SGP Requirements

- ▶ Must have two test scores from two different years for each student.
- ▶ Tests must be in same subject.
- ▶ In Kentucky only Reading and Mathematics.

SGP Purpose

- ▶ SGP is a way to measure progress for students at all performance levels.
- ▶ SGP provides evidence of improvement even among those with low achievement.
- ▶ SGP gives high achieving students and schools something to strive for beyond proficiency.

SGP Scores

- ▶ Loaded in Infinite Campus and CIITS.
- ▶ Data for academic years 2011–12, 2012–13, and 2013–14 available.
- ▶ Loaded to Infinite Campus as an assessment.
- ▶ To view SG scores in CIITS, go to **School & District Data → Pre-Formatted Reports → Standardized Assessment Performance**, or click on the **Standardized Assessment** tab on the **Student Profile**.



What's New?

Teacher Student Growth Percentile Median (SGPM)

Teacher SGPM

- ▶ The teacher SGPM is the state contribution for teachers in grades 4–8 in Reading and Math.
- ▶ Principal may use the teacher SGPM as a data point to inform the summative evaluation.
- ▶ Teacher SGPM is based on attributed students' SGP scores in Infinite Campus.

Teacher SGPM in CIITS

- ▶ Teacher SGPM is calculated using SGP scores of attributed students.
- ▶ Single year and three year calculation.
- ▶ Student–Teacher link is based on course/section roster in Infinite Campus.
- ▶ Teacher SGPM data is loaded in CIITS under the Educator Development tab.

SGPM Calculation: Data & Criteria

- ▶ Based on data in Infinite Campus.
- ▶ Grades 4–8 only.
- ▶ Student must have a growth score to be included. (two consecutive years of K–PREP scores)
- ▶ Teacher–student link in specific Reading and Math courses* (as defined by state course code).

*Eligible course list available in the Teacher SGPM training document:

http://education.ky.gov/districts/tech/ciits/Documents/Training-Teacher_Student_Growth_Median.pdf



SGPM Calculation: Data & Criteria

- ▶ Teacher must have minimum of 10 eligible students with a growth score.
- ▶ Student–Teacher must be together 100 instructional days.
- ▶ SGPM calculated for all staff assigned to course/section in Infinite Campus (includes Contributing Professionals).

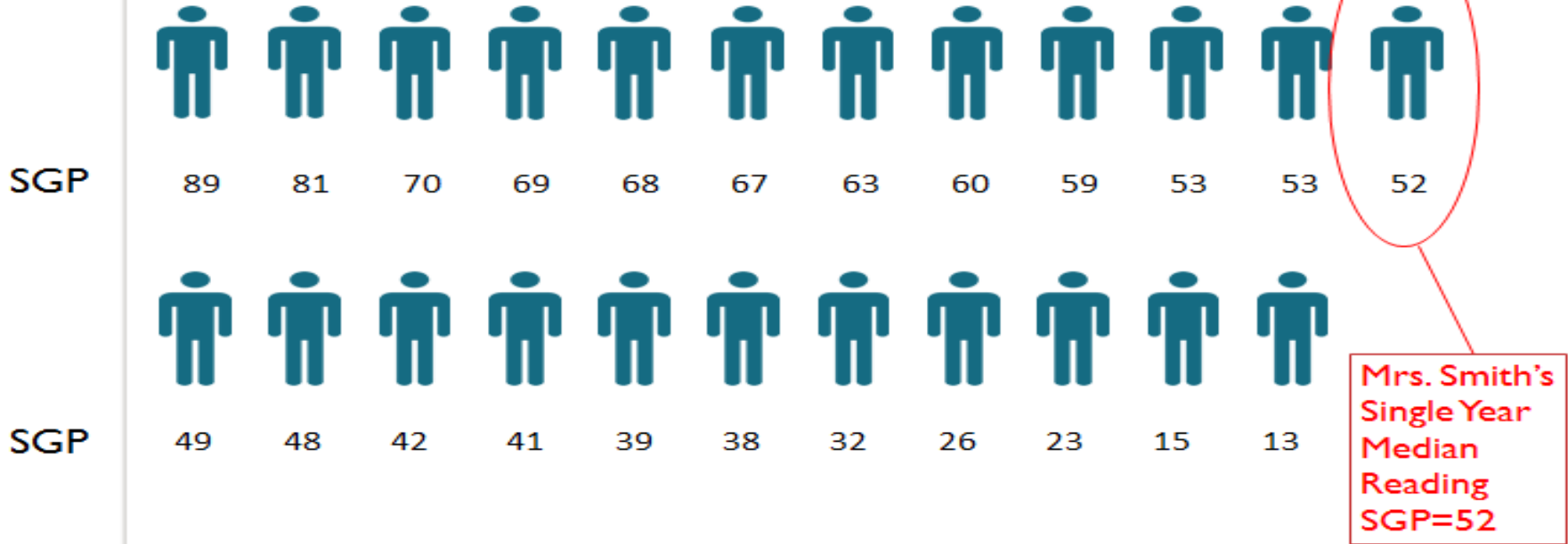
Teacher SGPM Categories

- ▶ Low Growth – below 30
- ▶ Expected Growth – 30 to 65
- ▶ High Growth – above 65

Single Year SGPM Calculation

Mrs. Smith

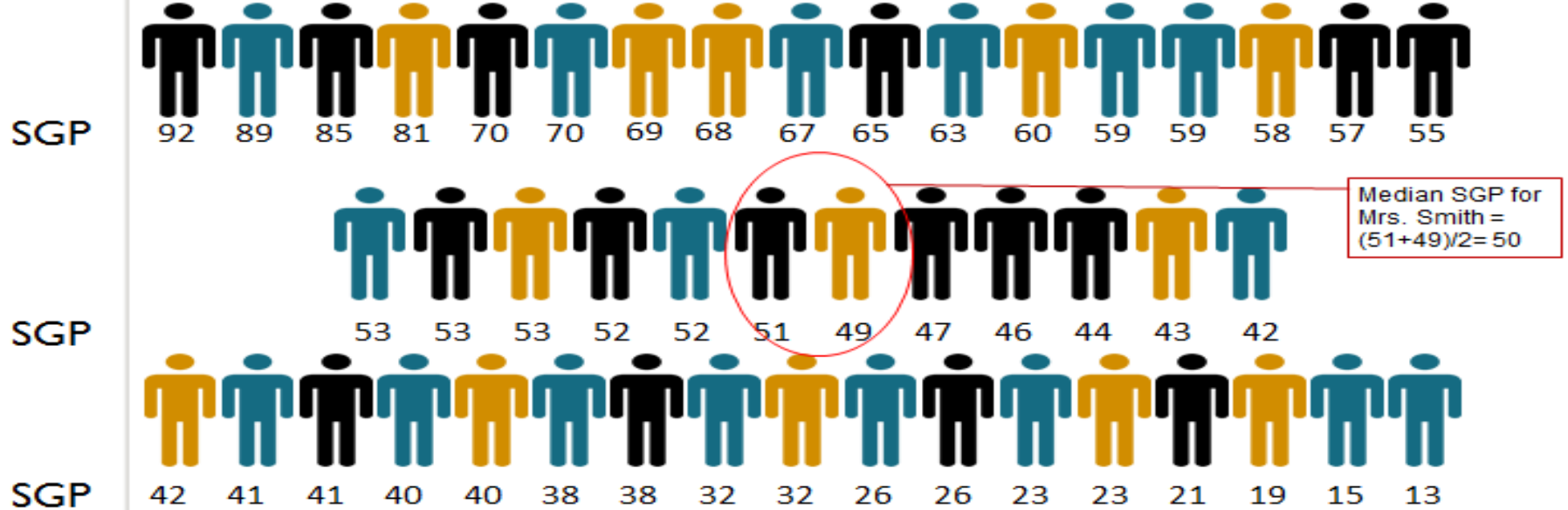
SGP for Each Attributed Student in Reading in One Year



3 Year Combined SGPM Calculation

Mrs. Smith

SGP for Each Attributed Student in Reading Over Three Years



KSIS Support – Custom Reports

- ▶ Two IC reports available to view SGPM data
 - Teacher Student Growth Median – Detail
 - Teacher Student Growth Median – Summary
- ▶ Reports can be run district-wide, school-wide, or for specific teacher.
- ▶ IC clickpath: **KY State Reporting > KDE Reports > Teacher Student Growth Median Percentile – Detail / Summary**

SGPM – Detail Report

- ▶ Report parameters: year, subject, teacher
- ▶ Exports as CSV file (opens in Excel)
- ▶ Contains all teacher–student links (including students not eligible to be attributed to the teacher), course/section/teacher/student data, scores, single year and combined year SGPM
- ▶ Contains Y/N indicators for key attribution requirements (100–day concurrent, 10–student min, teacher 100–day, student 100–day)
- ▶ Allows easy sorting, filtering, manipulation of data

Detail Report – Example

	A	B	C	D	E	F	G	H	I	J	K	L
1	endYear	districtNu	districtNa	teacherDE	EPSBID	teacherLa	teacherFir	courses	subjectInc	teacherstart	teacherEnd	teacherDa
2	2012	XXX	Alsip Cour	XXXX	XXXXX	Mouse	Minnie	123-1	MATH	8/3/2011	5/15/2012	175

M	N	O	P	Q	R	S	T	U	V	W	X
ssid	studentLa	studentFir	studentStar	studentEnd	studentDa	concurrent	studentgr	sgScore	teacher10	TeacherSe	student10
XXXXXXXX	Mouse	Mickey	8/3/2011	5/15/2012	175	175	6	55	Y		Y

Y	Z	AA	AB	AC	AD
studentSe	teacherSt	teacher10	icTeacher	icTeacher	MedianCor
	Y	Y	52	55	

Report column definitions and applied business rules available in the Teacher SGPM training document:

http://education.ky.gov/districts/tech/ciits/Documents/Training-Teacher_Student_Growth_Median.pdf



SGPM – Summary Report

- ▶ Designed for administrators
- ▶ Report parameters – year, subject, teacher
- ▶ Exports as PDF
- ▶ Contains one row per teacher
- ▶ Contains single/combined year SGPM and number of attributed students per year

Summary Report – Example

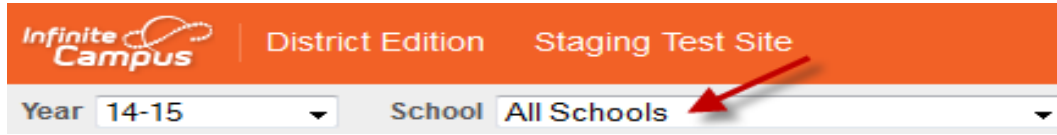
Alsip County - 999 Subject: Math End Year: 2014

			Median Student Growth Percentile				Attributed Students With SG Scores		
School Name	Teacher	EPSBID	2012	2013	2014	3-Year Combined Median	2012	2013	2014
CENTRAL ELEMENTARY SCHOOL	Mouse, Minnie	XXXXXXXX	48.0	42.5	47.0	45.5	55	58	37
CENTRAL ELEMENTARY SCHOOL	Mouse, Mickey	XXXXXXXX	40.5	40.0	49.5	42.0	78	59	40
CENTRAL ELEMENTARY SCHOOL	Duck, Daffy	XXXXXXXX	58.0	65.0	31.0	45.0	53	29	37

Column definitions and business rules available in the Teacher [SGPM training document](#).

Report Parameters

If “All Schools” is selected in menu bar, report will run for entire district; if a school is selected, report will run for specified school.

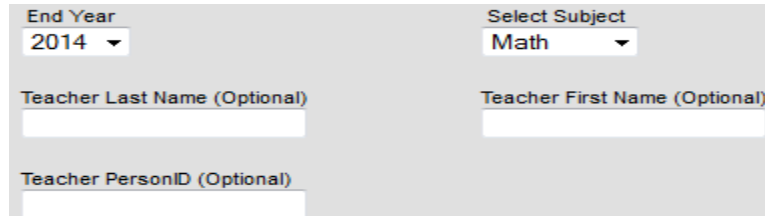


Infinite Campus | District Edition | Staging Test Site

Year 14-15 School All Schools

Note: Selecting a year in the menu bar will not affect report.

Select year, subject and (optionally) teacher to further limit the scope of the report.



End Year
2014

Select Subject
Math

Teacher Last Name (Optional)

Teacher First Name (Optional)

Teacher PersonID (Optional)



Assigning Tool Rights to Reports

- ▶ Districts may assign tool rights to individual users or user groups to run the SGPM reports.
- ▶ Users may only run the report for school(s) in which they have calendar rights.
- ▶ Reports contain sensitive information; assign tool rights conservatively on a “need to know” basis

Teacher SGPM FAQs

- ▶ Teacher has 10 students for a single year but 10–student min is N and no TSGM calculated.
 - Verify 100–day concurrent requirement is met for at least 10 students.
- ▶ Teacher does not have a single year TSGM.
 - Verify teacher has at least 10 students, with scores, meeting 100–day concurrent requirement.
 - Verify assigned state course codes are correct.
- ▶ Teacher does not have a combined (3 year) TSGM.
 - Verify teacher had a single year TSGM calculated **each year**.
- ▶ Manually–calculated TSGM differs from what is shown in CIITS.
 - Ensure that only students scores where teacherStudentConcurrent indicator = Y is included in the calculation.

Teacher SGPM FAQs

- ▶ A Reading or Math teacher did not receive a single year or combined year TSGM.
 - Verify an eligible TSGM state course code was used on the course(s) taught (see eligible course code list in [Teacher Student Median training document](#)).
 - Verify teacher has at least 10 students who he/she taught for 100 instructional days or more per content area for the specified year.
 - Teacher must receive a single year TSGM each year for combined year score to be calculated.

Teacher SGPM FAQs

See complete list of FAQs in the [Teacher SGPM training document](#).

FAQs ←

Q: Why is a single year TSGM not calculated for a teacher?

A: A single year TSGM will not be calculated for a teacher if the teacher does not have at least attributed students, per content area, with a growth score. In this case, the teacher10StudentMin indicator will be N for the specified school year.

Q: Why is a three year combined TSGM not calculated for a teacher?

A: A three year combined TSGM will not be calculated for a teacher if the teacher does not have a single year TSGM calculated for each of the three previous school years.

Teacher SGPM FAQs

The SGPM data is not accurate for a teacher due to incorrect course/section/roster setup in previous years. How do I correct the data?

Do not correct data from previous years.
Modifications to course/section/roster setup should only be done for the current school year.

Access to SGPM data in CIITS

- ▶ Teachers may view their own data.
- ▶ Individuals with Leadership permissions in CIITS may view data for teachers at their school(s).
- ▶ CIITS clickpath:
Educator Development > Tools & Reports >
Student Growth Percentile Results

Teacher SGPM Data in CIITS

► Leadership View (summary by teacher)

Teacher^	1.1 11-12 Median SGP - Math ♦	1.3 12-13 Median SGP - Math ♦	1.5 13-14 Median SGP - Math ♦	1.8 3 Year Combined Median - Math ♦	1.9 11-12 Median SGP - Reading ♦	2.1 12-13 Median SGP - Reading ♦	2.3 13-14 Median SGP - Reading ♦	2.5 3 Year Combined Median - Reading ♦
	-	81.0 - High Growth	75.0 - High Growth	-	-	59.0 - Expected Growth	51.5 - Expected Growth	-
	-	81.0 - High Growth	77.0 - High Growth	-	-	52.0 - Expected Growth	51.5 - Expected Growth	-

Teacher SGPM Data in CIITS

Teacher View*

1.1 11-12 Median SGP - Math	
58.0 - Expected Growth	11-12 Median Student Growth Percentile - Math
1.3 12-13 Median SGP - Math	
76.0 - High Growth	12-13 Median Student Growth Percentile - Math
1.5 13-14 Median SGP - Math	
60.0 - Expected Growth	13-14 Median Student Growth Percentile - Math
1.8 3 Year Combined Median - Math	
68.0 - High Growth	3 Year Combined Median - Math

**Leadership can also access this view*



Teacher SGPM Contacts

- ▶ Todd Davis, Assistant Director
Division of Next Generation Professionals
- ▶ Cindy Parker, Director
Division of Next Generation Professionals